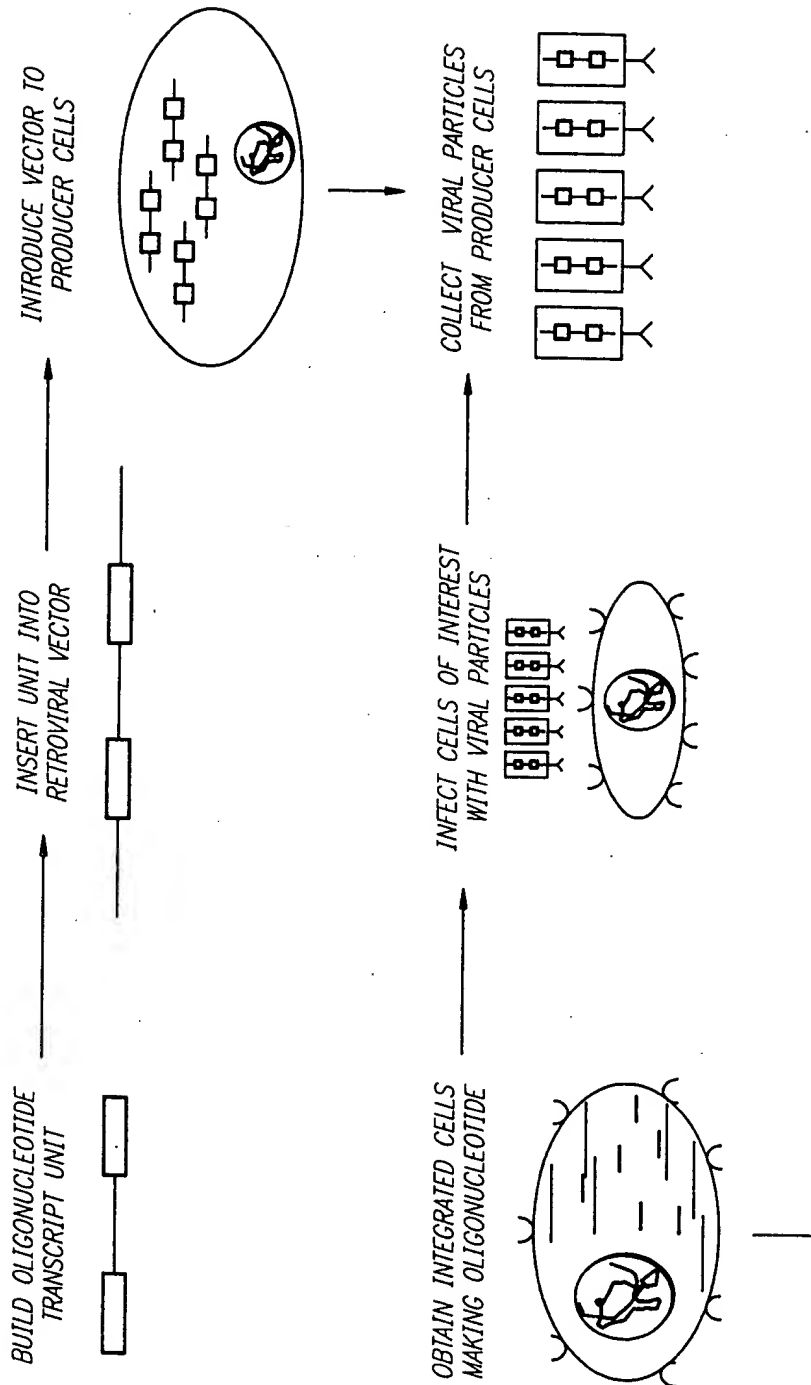


7-25-96

5624803

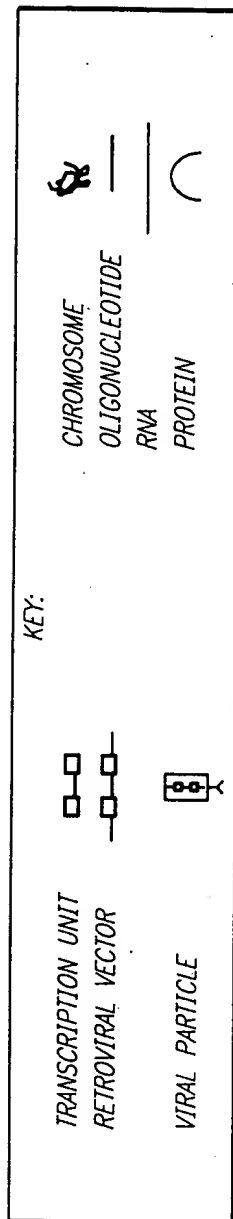
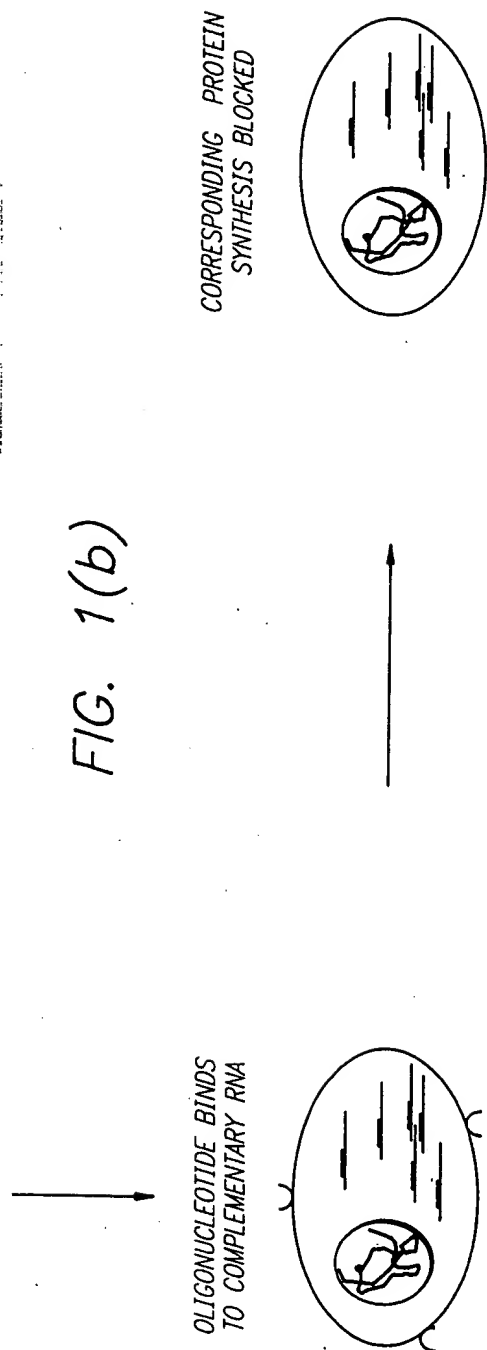
APPROVED	FIG. 1
BY	DATE
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DRAFTS	

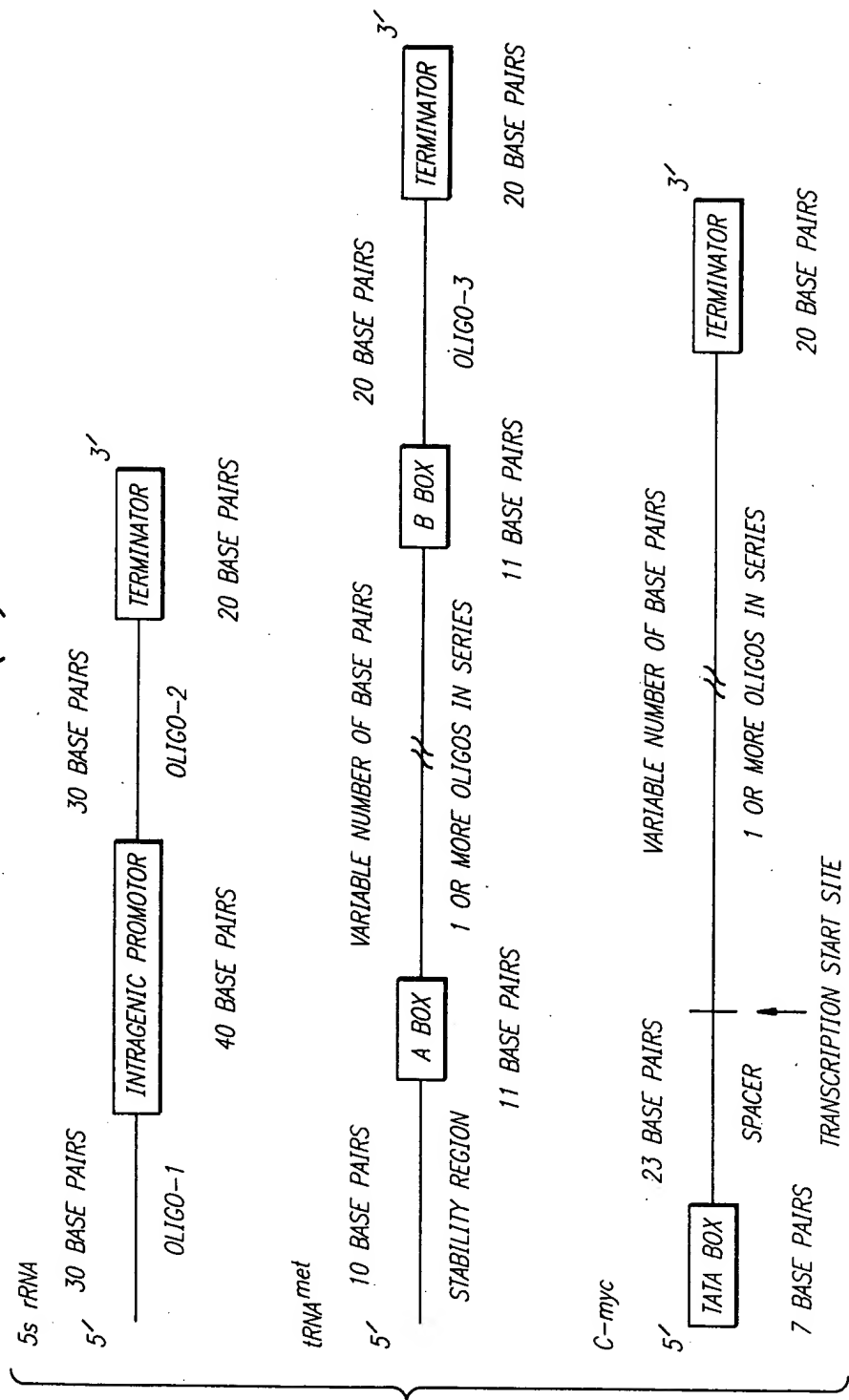
FIG. 1(a)



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FIG. 1(b)





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EX	11
URAG	11

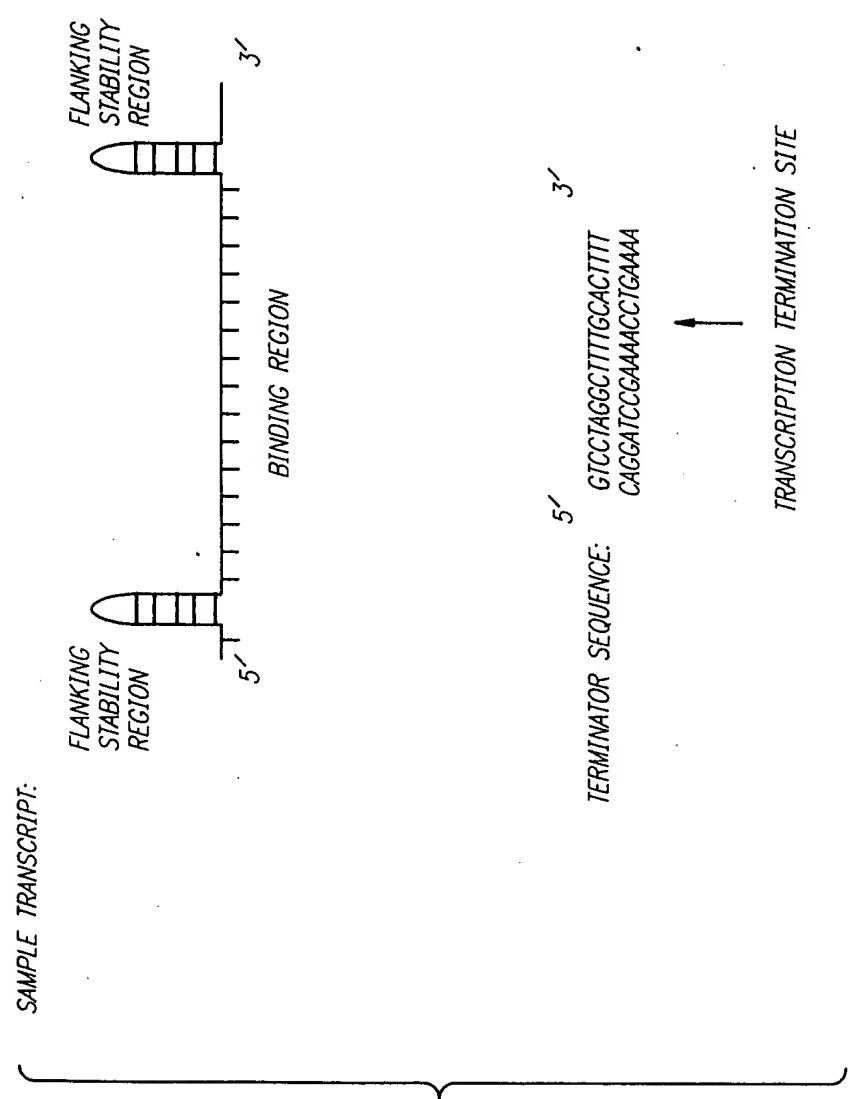


FIG. 2(b)

## HER2 PROMOTER FRAGMENT

-89-

3' TCCTCTTCCTCCTCCACCTCCTCCTCCGAGCACTCCTTCATATCTTA

5' AGGAGAAGGAGGAGGTGGAGGAGGGCTGCTTGAGGAAGTATAAGAAT

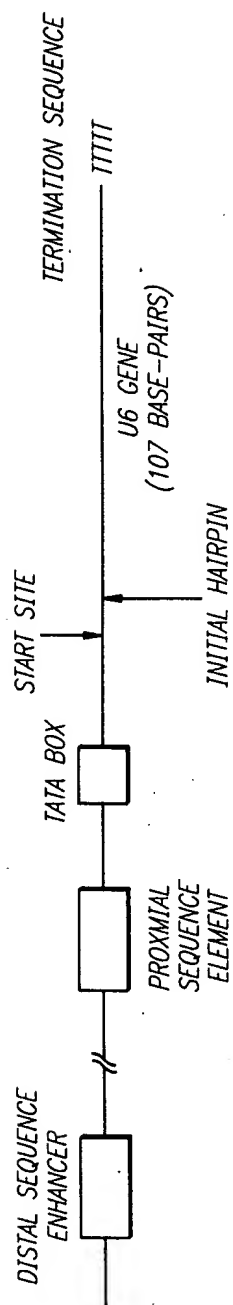
**CU-RICH TRIPLEX FORMING RNA**

3' AGGAGAAGGAGGAGGGG GA-RICH TRIPLEX FORMING RNA

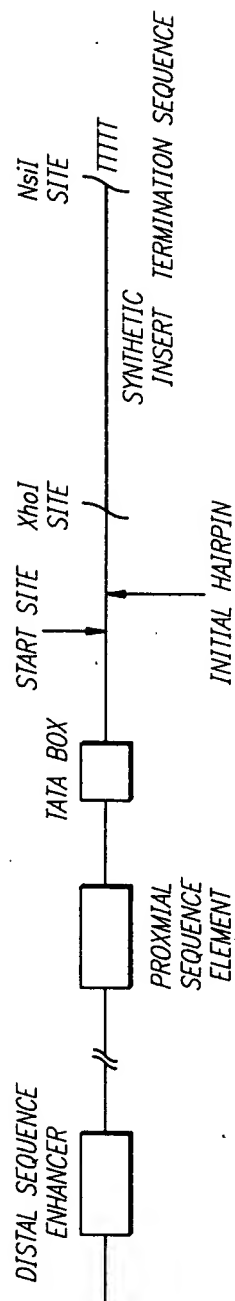
APPROVED BY: [Signature]  
 DATE: 10/18/82  
 BY: [Signature]  
 GRAFIS/SHR

# FIG. 4A

THE U6 SMALL NUCLEAR RNA GENE



**FIG. 4B**  
 THE CHIMERIC OLIGONUCLEOTIDE PRODUCING GENE



**FIG. 4C**  
 THE U6ON OLIGONUCLEOTIDE

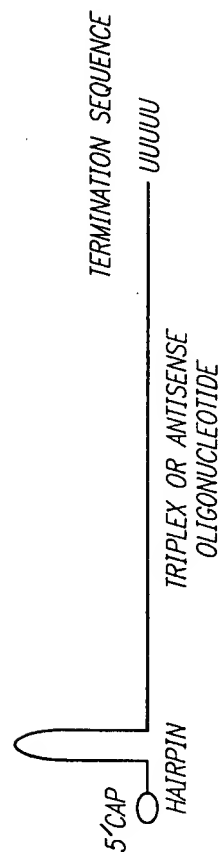


FIG. 5A

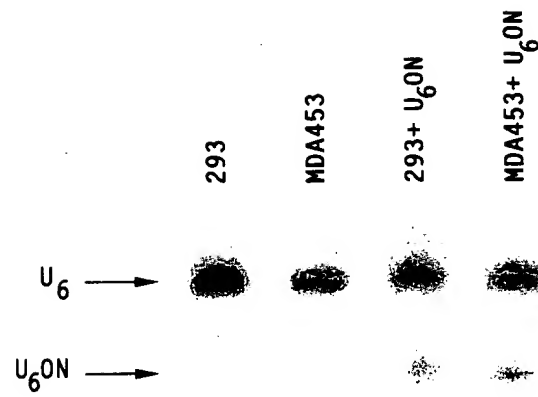


FIG. 5B

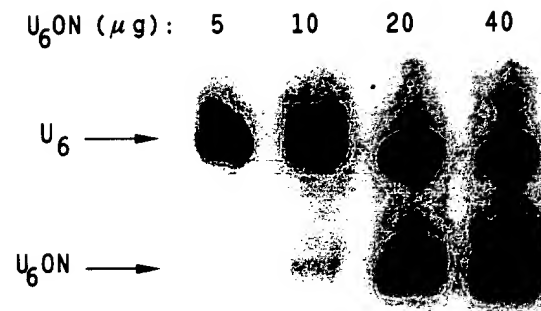
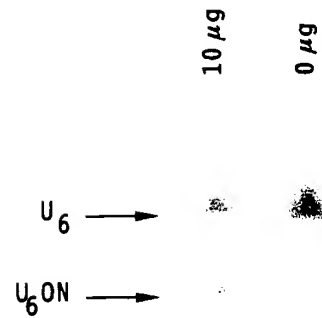


FIG. 5C





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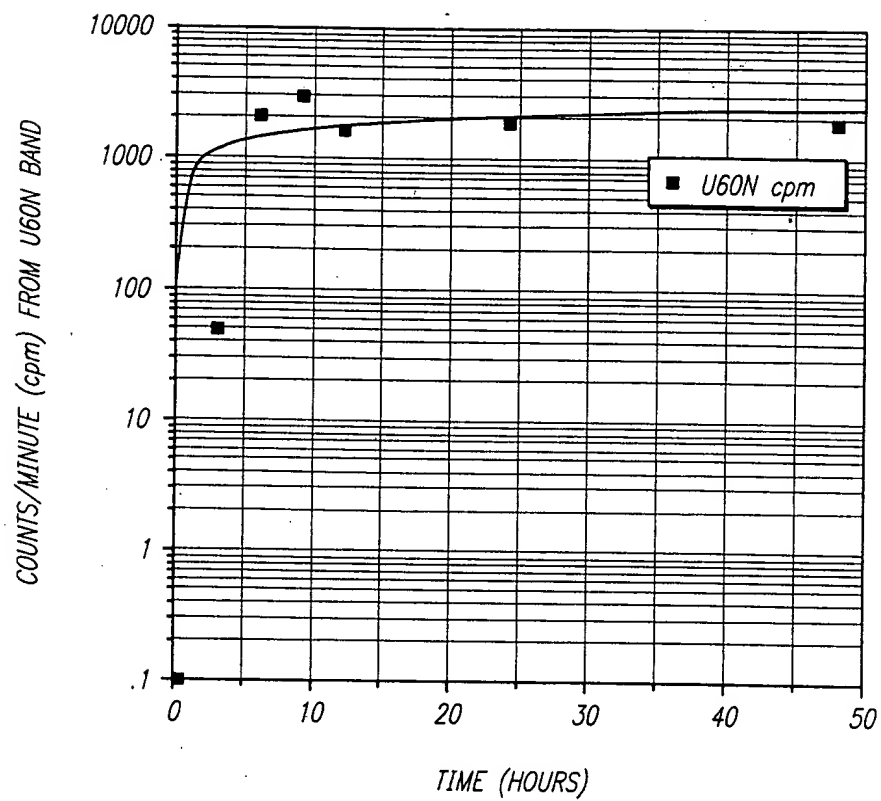


FIG. 6A

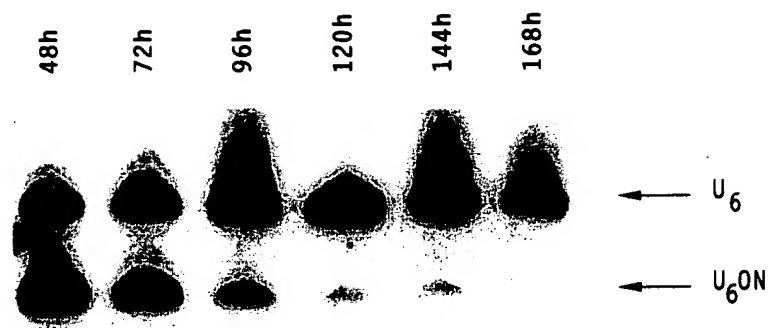


FIG. 6B

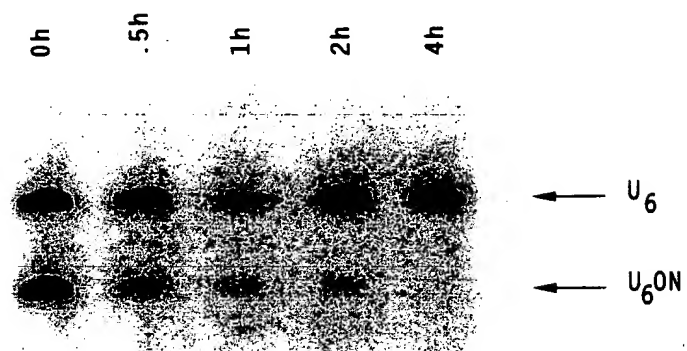
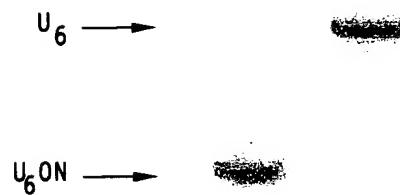


FIG. 7B

Ab:	+	+	.
$U_6ON$ :	+	.	.

FIG. 8



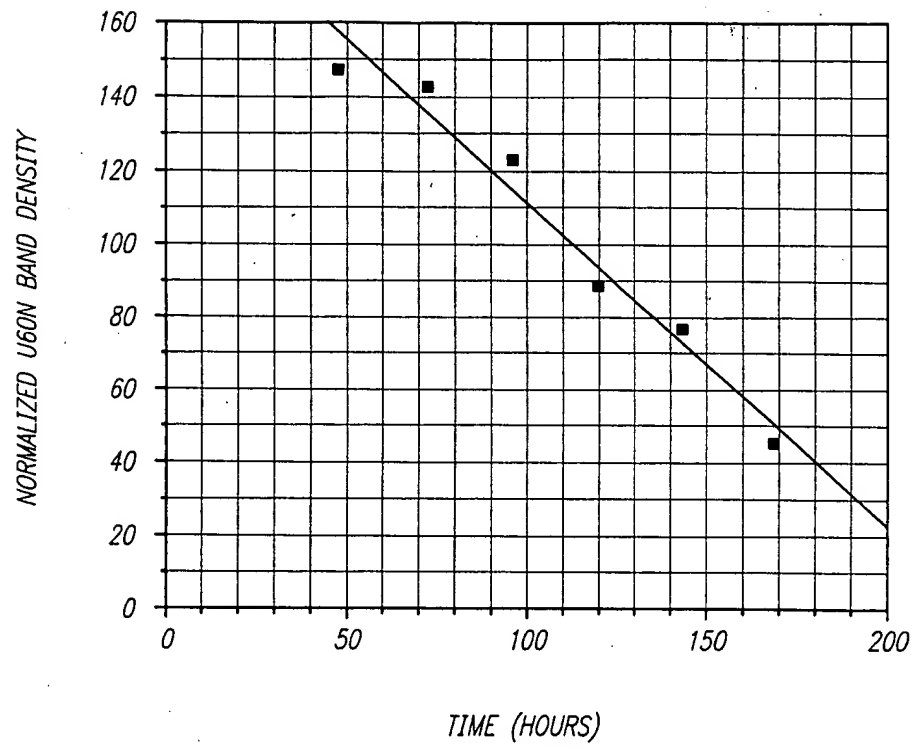


FIG. 7A



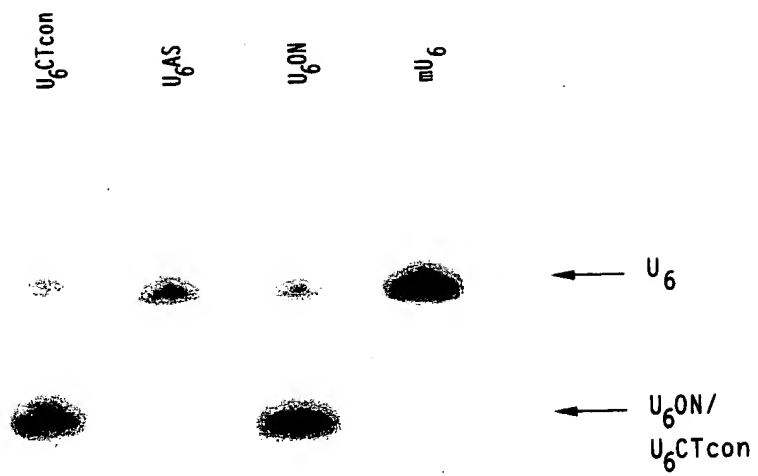
FIG. 9A

u c  
u g  
CG  
GC  
c UA  
CG  
GC  
UA20 40  
1 GCAUAUccu:CGaccucccuucccuucccuucccCUUC::C<sup>u c</sup>  
UAUAccuuGC:::GAAGuacG<sup>u a c</sup>  
U 60  
U 80  
U U6Tcon ENERGY = -12.72 kcal  
U (U60N ENERGY = -12.46 kcal)

1 20  
GuGcuCGCUUCg:GCAgCACAUau::CCuCGaC::AUG<sup>a g c</sup>  
C:CuuGCGAAGuaCGUaGUGUAagaacGG:GC:GgacUAC<sup>u u a</sup>  
A 60 40  
U  
A 80  
UUUUU

U6AS ENERGY = -30.83 kcal  
(mU6 ENERGY = -26.48 kcal)

FIG. 9B



HER2 PROMOTER MAP AND  
TRIPLEX RNA OLIGONUCLEOTIDE

# TRIPLEX RNA OLIGONUCLEOTIDE

-77 5' UCCUCUCCUCCUCCUCCUCCUCC 3' -20  
 5' CCAATCACAGGAGAAGGAGGAGGTGGAGGAGGAGGCTGCTTGAGGAAGTATAAGAA 3'  
 GGGTTAGTGCTCTTCTCTCTCCACCTCTCTCTCCGACGAACTCCTTCATATCTT

CAAT  
BOX

ets- TATA  
ELEMENT BOX

FIG. 11A

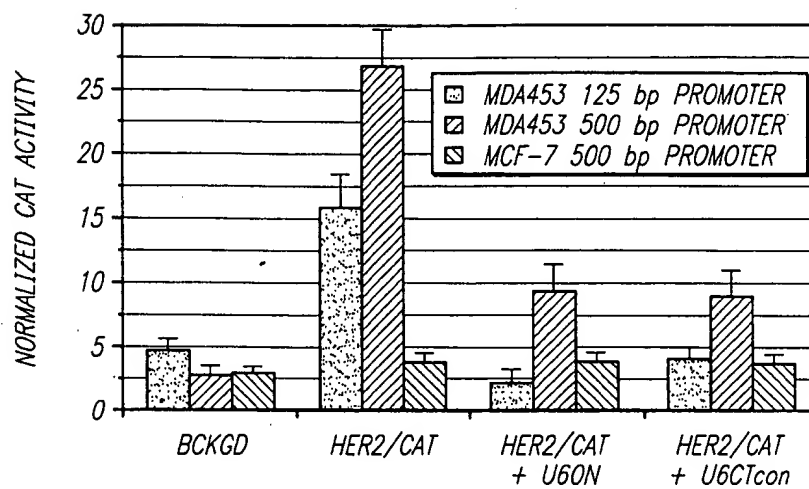
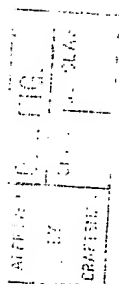


FIG. 11B

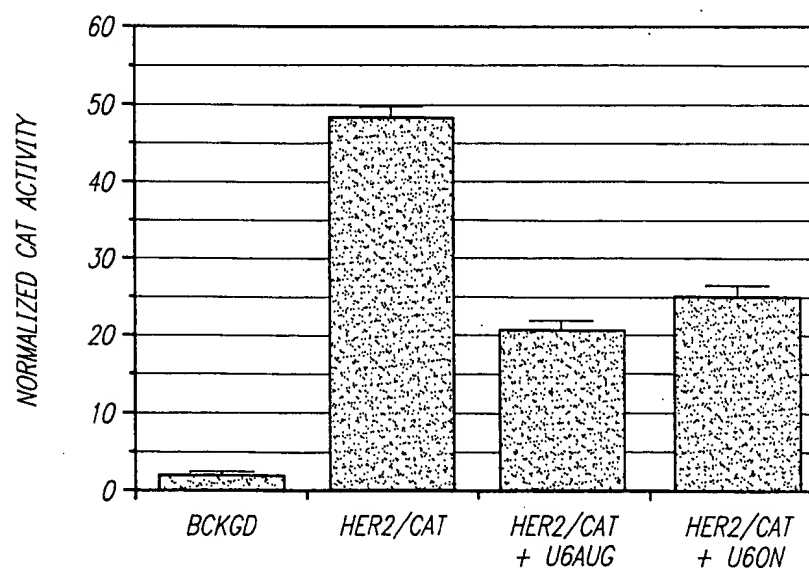


FIG. 12A

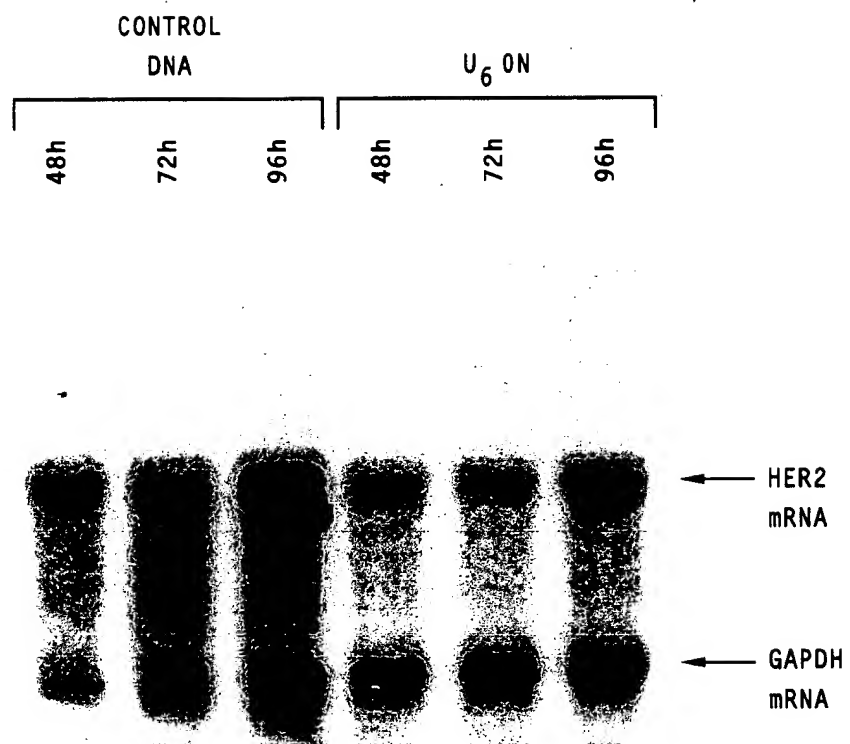




FIG. 12B  
BY  
COPYING

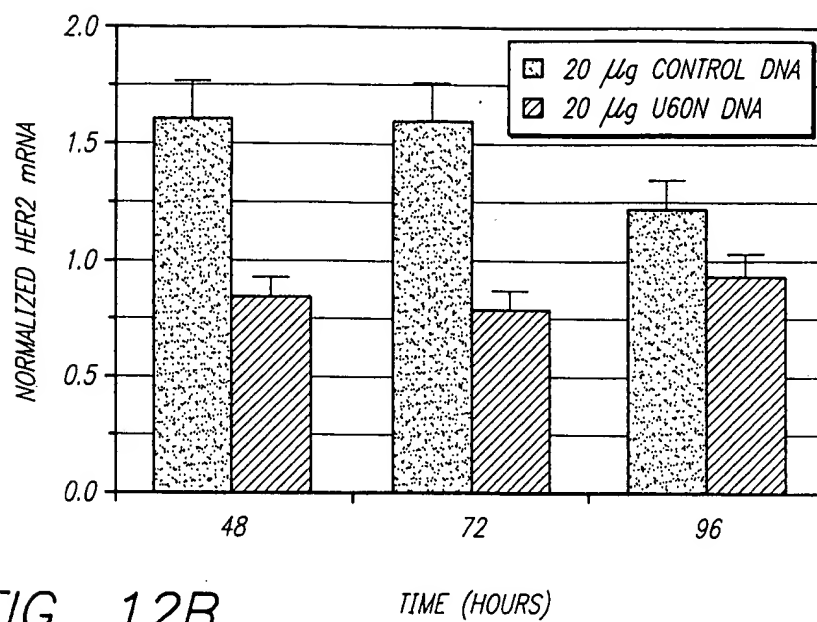


FIG. 12B

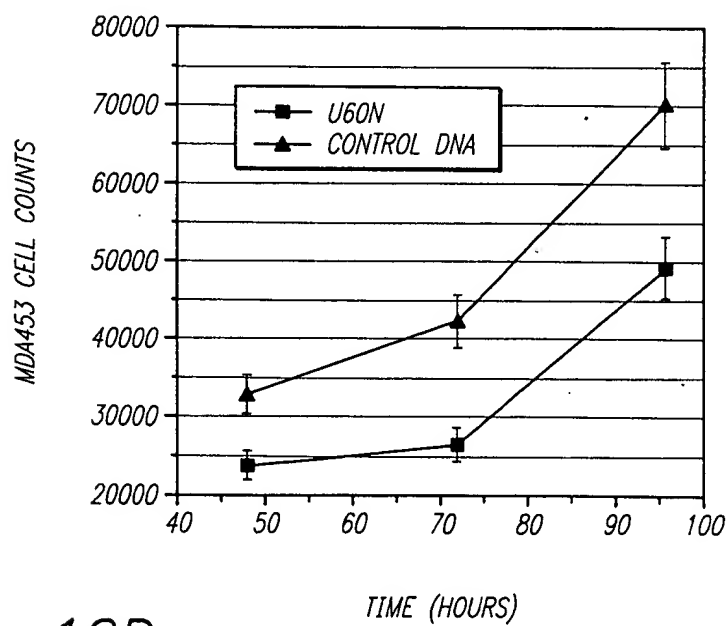


FIG. 12D

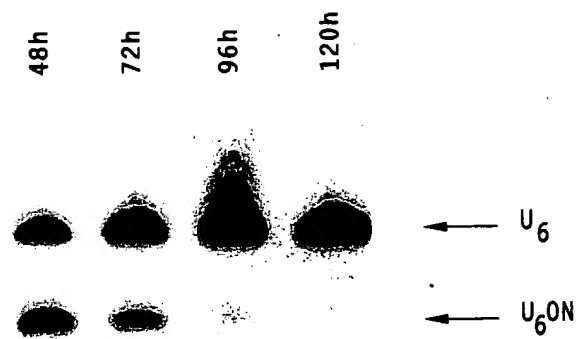


FIG. 12C

FIG. 14A

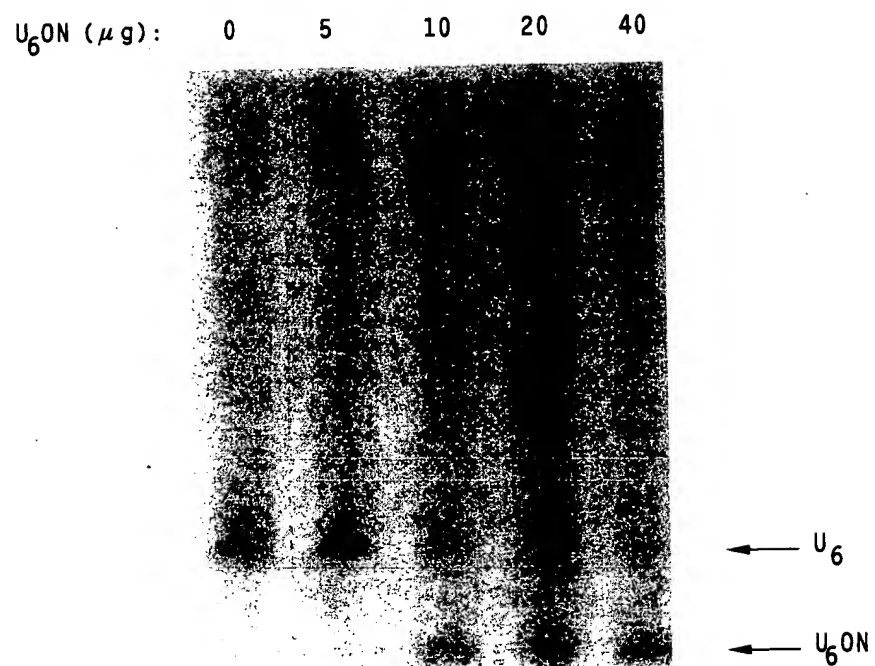
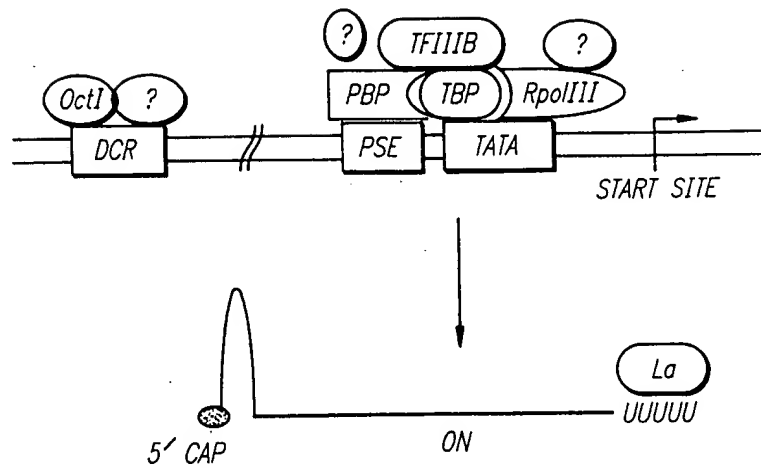


FIG. 13



POSSIBLE FACTORS IN LIMITING SUPPLY:

RNA POLYMERASE III (RpoIII)  
 TFIIB CONTAINING THE TATA BINDING PROTEIN (TBP)  
 PROXIMAL SEQUENCE ELEMENT BINDING PROTEIN (PBP)  
 UPSTREAM ENHANCERS (OctI, ?)  
 OTHER UNCHARACTERIZED TRANSCRIPTIONAL FACTORS (?)  
 5' CAPPING ENZYME, CO-FACTORS  
 LUPUS ASSOCIATED ANTIGEN (La)

BY CL-102 SUPPLASO  
DRAFTSMAN

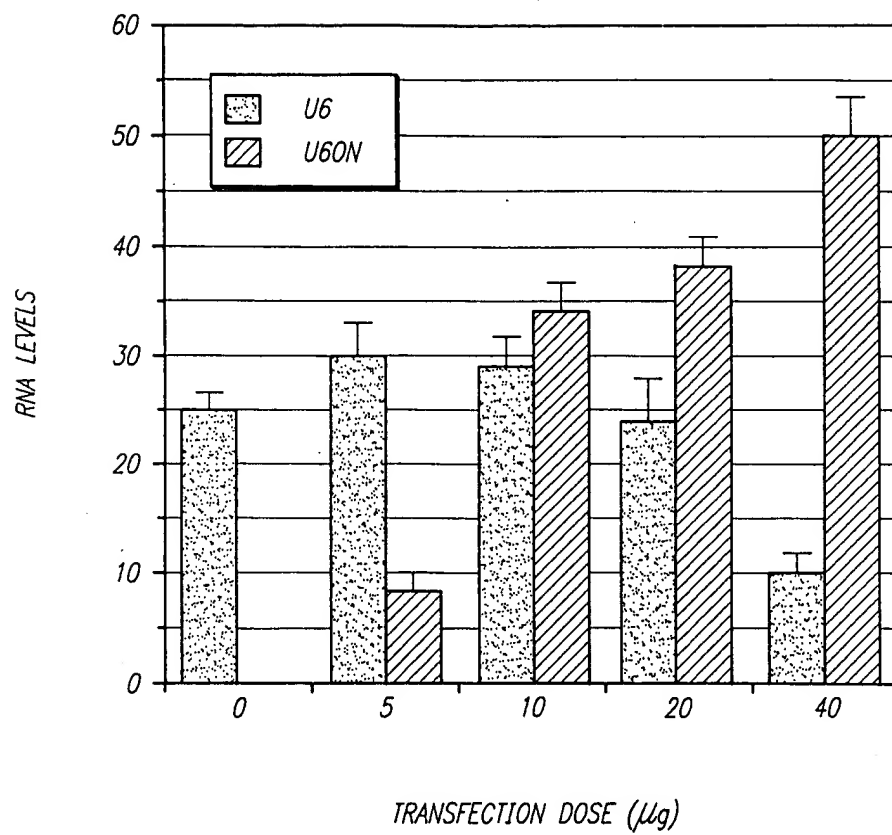


FIG. 14B

FIG. 15

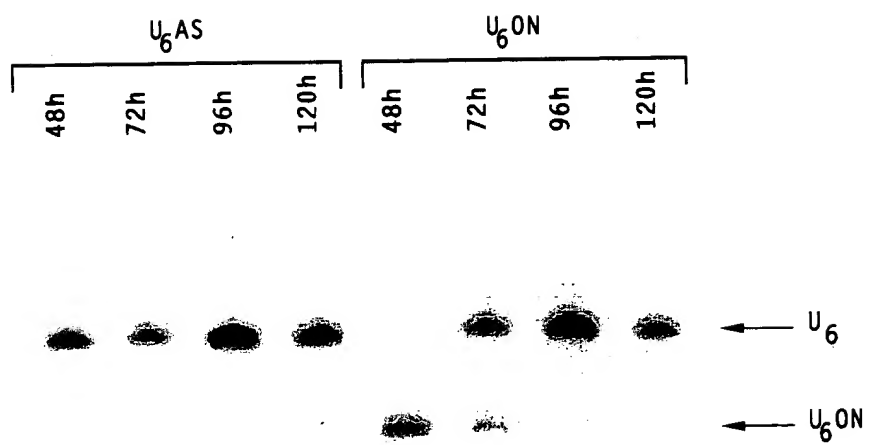


FIG. 16

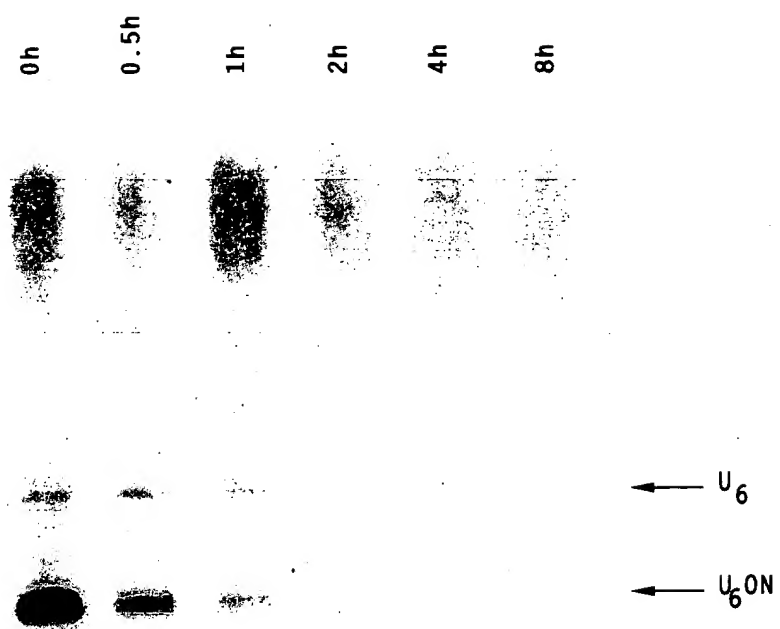


FIG. 17  
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FIG. 17

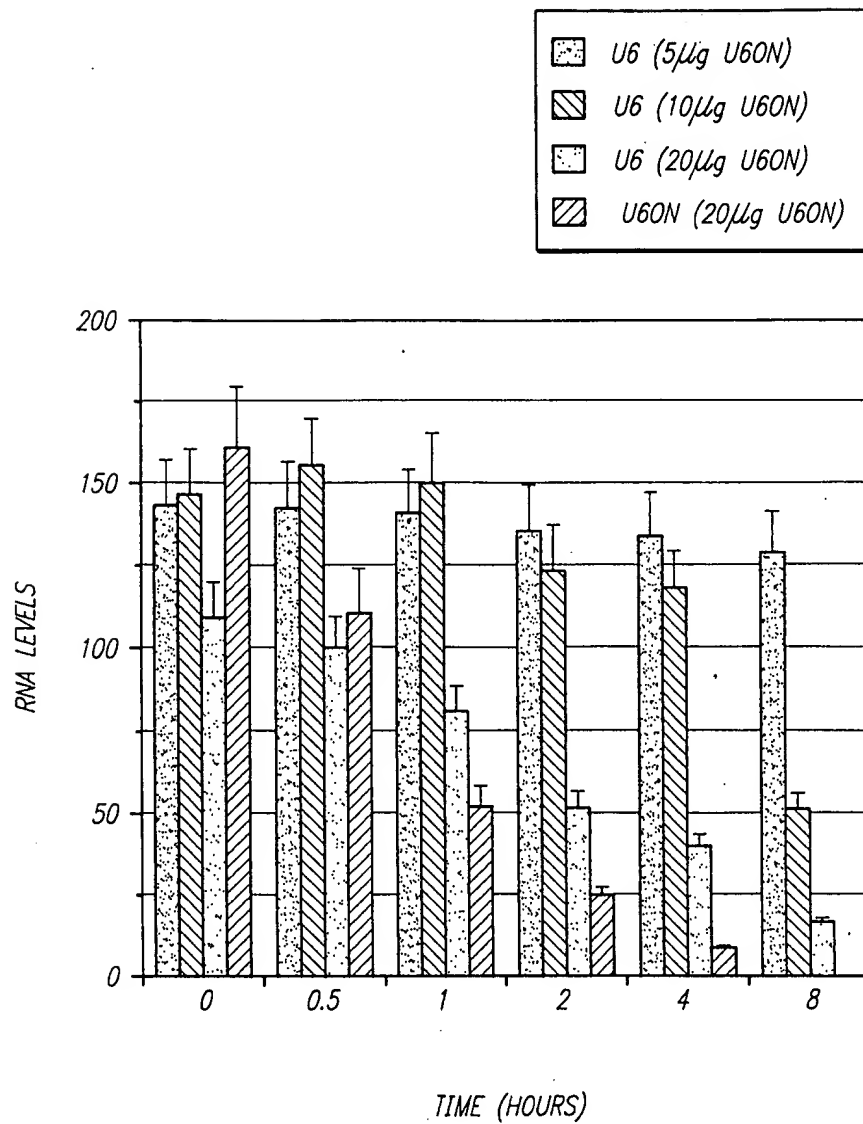


FIG. 18A

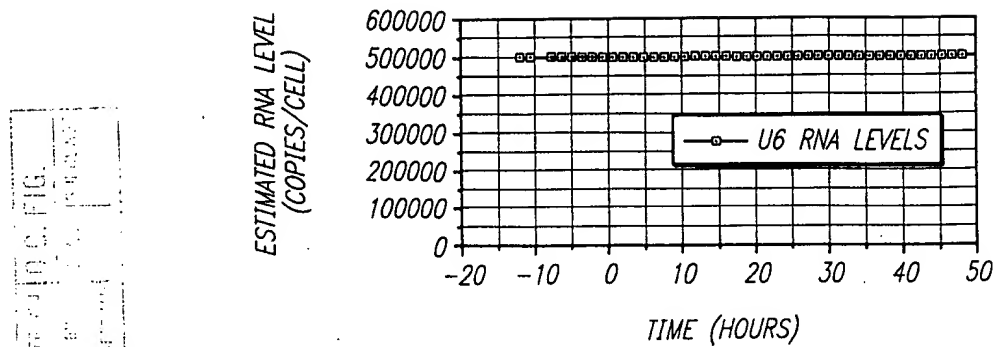


FIG. 18B

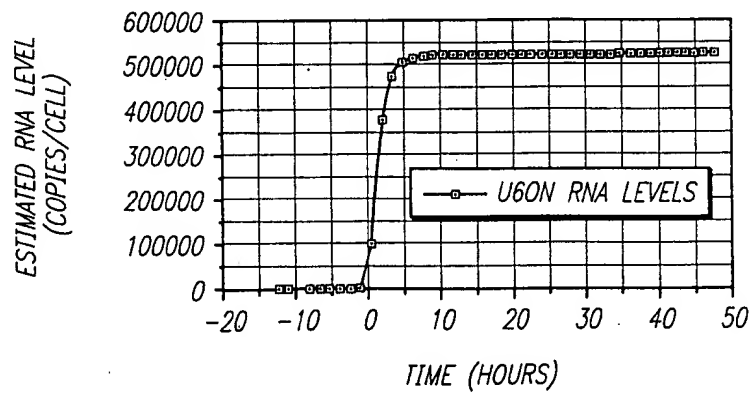


FIG. 18C

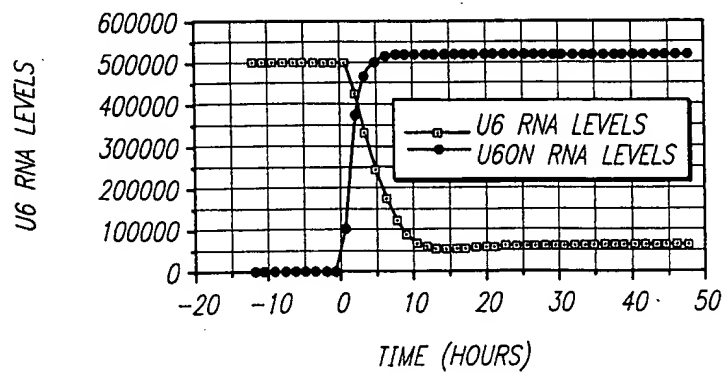




FIG. 19

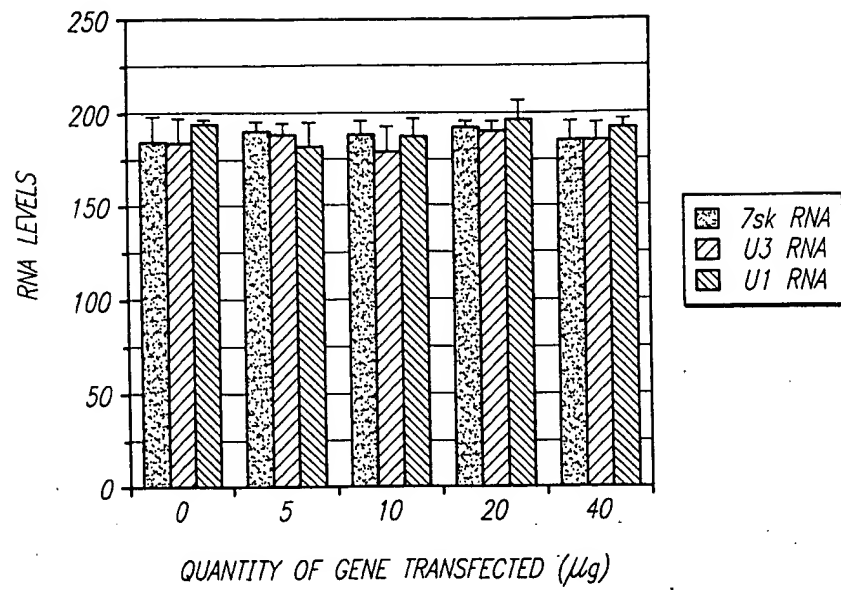


FIG. 20A

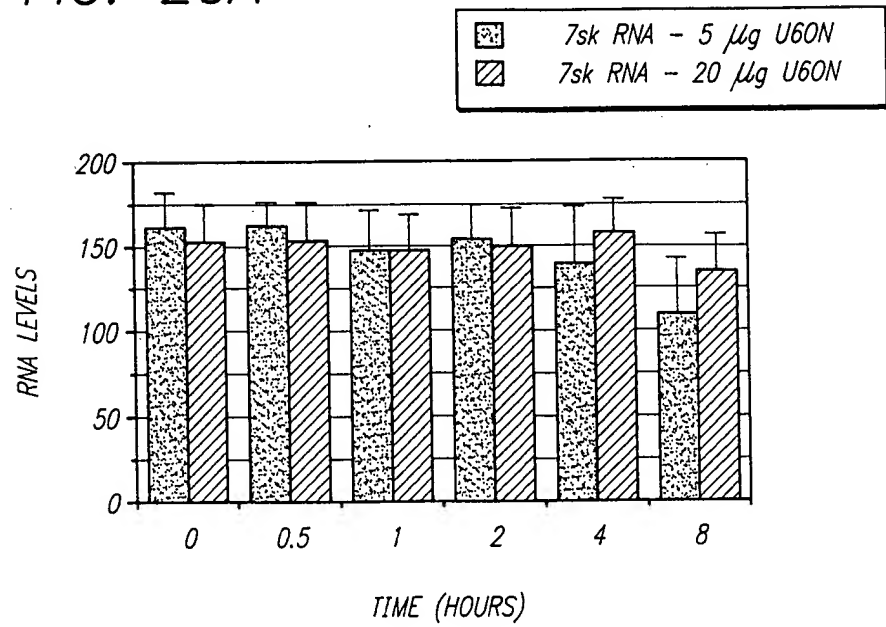


FIG. 20B

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FBI  
LABORATORY  
WASHINGTON, D.C.

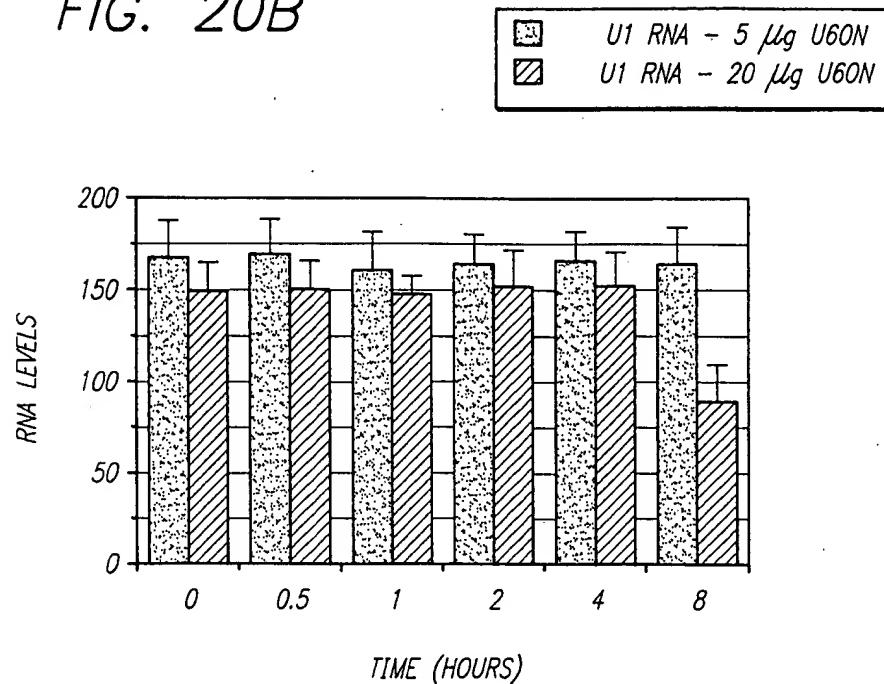


FIG. 20C

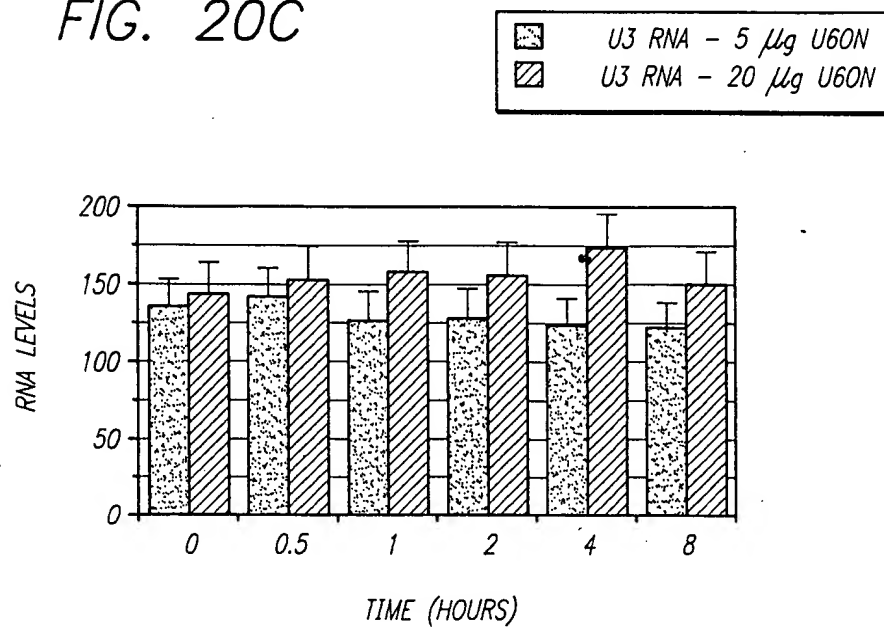


FIG. 21  
APPROVED BY  
[Signature]  
DATE 10/1/91

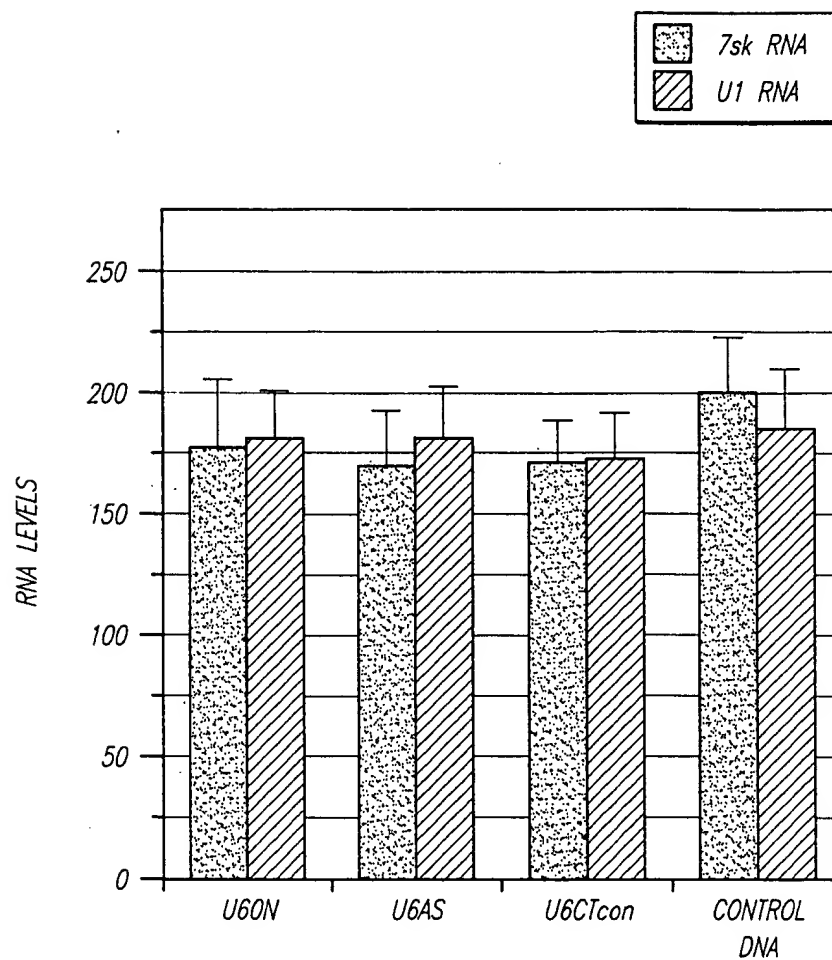


FIG. 21

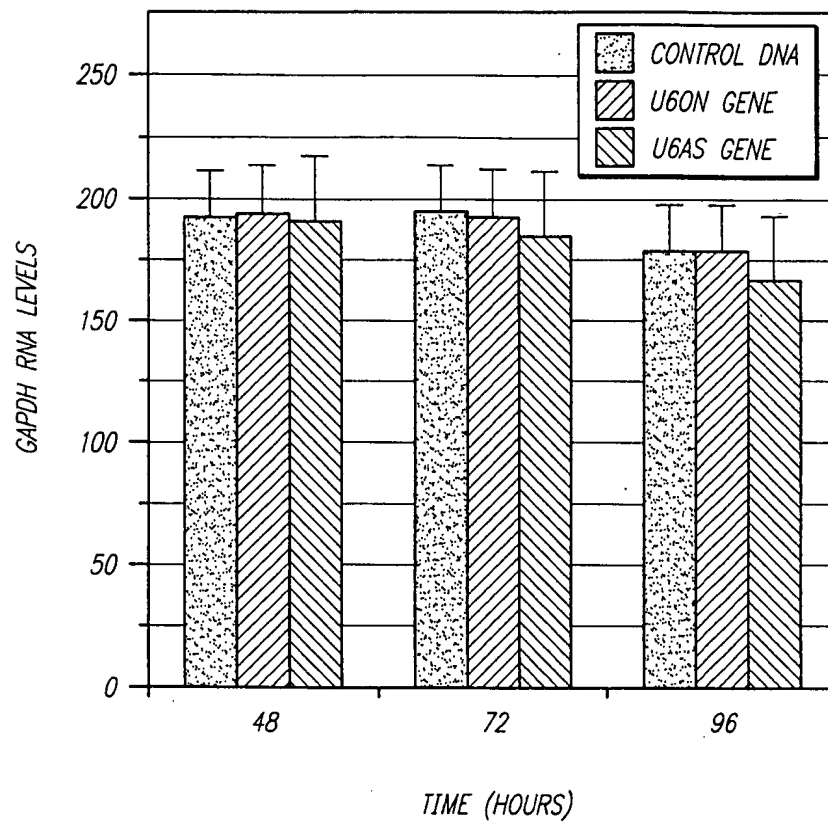


FIG. 22

FIG. 23A

FIG. 23A  
PUBLISHED  
BY  
DRAFTING

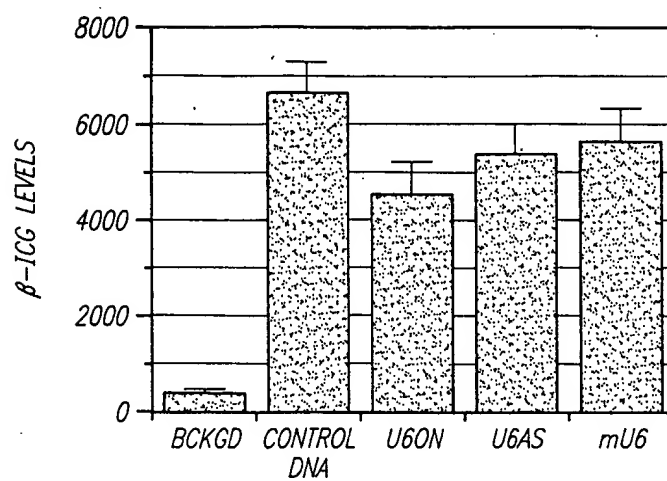


FIG. 23B

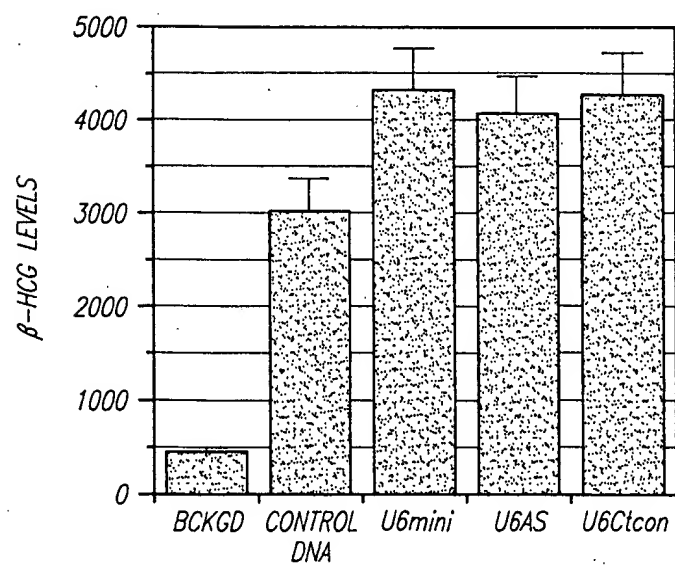


FIG. 24

-34

FIG. 25

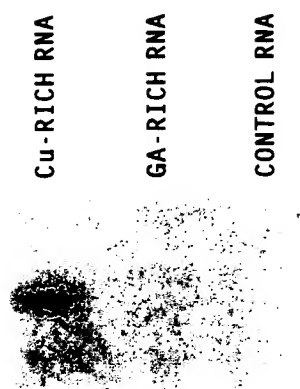


FIG. 26A

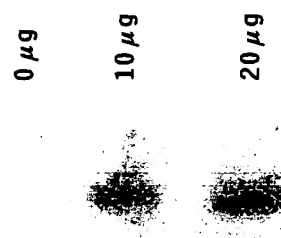
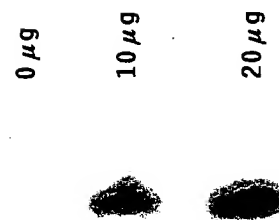


FIG. 26B



# FIG. 27A



## U6 PARENT GENE

-240	TTCCCATGAT	TCCTTCATAT	TTGCATATAC
-210	GATACAAGGC	TGTTAGAGAG	ATAATTAGAA
-180	TTAATTTGAC	TGTAAACACA	AAGATATTAG
-150	TACAAAATAC	GTGACGTAGA	AAGTAATAAT
-120	TTCTTGGGTA	GTTTGCAGTT	TTTAAAATTA
-90	TGTTTTAAAA	TGGAATATCA	TATGCTTACC
-60	GTAACCTGAA	AGTATTTTCA	TTTCTTGGCT
-30	TTATATATCT	TGTGGAAAGG	ACGAAACACC
+1	GTGCTCGCTT	CGGCAGCACA	TATCCTCGAG
+31	CATGGCCCCT	GCGCAAGGAT	GACACGCAAA
+61	TGCATGAAGC	GTTCCATATT	TTT 83 NUCLEOTIDES

# FIG. 27B

## U60N GENERATOR

-240	TTCCCATGAT	TCCTTCATAT	TTGCATATAC
-210	GATACAAGGC	TGTTAGAGAG	ATAATTAGAA
-180	TTAATTTGAC	TGTAAACACA	AAGATATTAG
-150	TACAAAATAC	GTGACGTAGA	AAGTAATAAT
-120	TTCTTGGGTA	GTTTGCAGTT	TTTAAAATTA
-90	TGTTTTAAAA	TGGAATATCA	TATGCTTACC
-60	GTAACCTGAA	AGTATTTTCA	TTTCTTGGCT
-30	TTATATATCT	TGTGGAAAGG	ACGAAACACC
+1	GTGCTCGCTT	CGGCAGCACA	TATCCTCGAC
+31	TCCTCTTCCT	CCTCCACCTC	CTCCTCCCAT
+61	GCATGAAGCG	TTCCATATTT	TT 82 NUCLEOTIDES